

2018 ACLPS Annual Meeting
Houston Methodist Hospital and Research Institute
and Texas Medical Center Marriott
Houston, Texas
May 31st – June 2nd

Thursday, May 31st

Texas Medical Center Marriott, 3rd Floor

7:00 AM–5:00 PM Meeting Registration & Material Pickup

John F. Bookout Auditorium, HM Research Institute

7:00 AM–8:00 AM Continental Breakfast

8:00–8:10 AM Welcome and Opening Remarks
James M. Musser, MD, PhD, Chair, Department of Pathology and Genomic Medicine

Clinical Informatics and Analytics

8:10–8:15 **Welcome and Session Overview**
S. Wesley Long, MD, PhD, Department of Pathology and Genomic Medicine,
Houston Methodist Hospital, Houston

8:15–8:50 **Hidden Dangers of Barcodes for General Laboratory Use and Blood Banks and How to Avoid Them**
Alexis B. Carter, MD, FCAP, FASCP, Department of Pathology and Laboratory
Medicine, Children’s Healthcare of Atlanta, Atlanta

8:50–9:25 **Clinical Analytics and Laboratory Test Stewardship**
Ila Singh, MD, PhD, Department of Pathology, Texas Children’s Hospital, Houston

9:25–10:00 **Challenges and Opportunities in Pathology Informatics**
S. Wesley Long, MD, PhD, Department of Pathology and Genomic Medicine,
Houston Methodist Hospital, Houston

10:00–10:15 Break

10:15–10:50 **Clinical Laboratory Informatics: Building an Infrastructure for Improving Quality and Enhancing Value**
Anand Dighe, MD, PhD, Department of Pathology, Massachusetts General Hospital,
Boston

10:50–11:30 **Choose Your LIS Wisely**
Panel discussion on deciding which LIS is right for your institution as options
and test complexity increase

Texas Medical Center Marriott, 3rd Floor, Ballroom

11:30 – 12:45 Buffet Lunch

Boardroom, HM Research Institute

11:30 AM–1:00 PM Executive Council Meeting and Lunch

John F. Bookout Auditorium, HM Research Institute

Molecular Diagnostics

- 1:00–1:05 **Welcome and Session Overview**
Jessica Thomas, MD, PhD, MPH, Department of Pathology and Genomic Medicine, Houston Methodist Hospital
- 1:05–1:40 **Improved Screening for Cancer Predisposition Mutations In Patients with Advanced Solid Tumors Enabled By Tumor-Normal Sequencing**
Diana Mandelker, MD, PhD, Department of Pathology, Memorial Sloan Kettering Cancer Center, New York
- 1:40–2:15 **Sequencing-Based Measurable Residual Disease Monitoring in Myeloid Malignancies**
Eric J. Duncavage, MD, Department of Pathology and Immunology, Washington University, St. Louis
- 2:15–2:50 **Utility and Applications of RNA sequencing in the Clinical Genomics of Childhood Solid Tumors**
Angshumoy Roy, MD, PhD, Department of Pathology, Texas Children’s Hospital and Baylor College of Medicine, Houston
- 2:50–3:25 **Current Opportunities/Challenges with Measurable Residual Disease Detection in Acute Lymphoblastic Leukemias by Next Generation Sequencing**
David Wu, MD, PhD, Department of Laboratory Medicine, University of Washington, Seattle
- 3:25–3:45 Break
- 3:45–3:50 **Introduction: Strandjord Young Investigator Research Grant Awardees**
- 3:50–4:10 **Aptamer-Based Platelet Serotonin Release Assay for Rapid Diagnosis of Heparin-Induced Thrombocytopenia**
Alexander Lyashchenko, MD, PhD, Department of Pathology, Columbia University, New York

- 4:10–4:30 **Characterization of the Male Urinary Microbiome**
Melanie Yarbrough, PhD, Department of Pathology and Immunology, Washington University School of Medicine, St. Louis
- 4:30–4:50 **Improvement of Red Blood Cell Exchange in Sickle Cell Disease by Targeting the Densest Red Blood Cells**
Suzanne Thibodeaux, MD, PhD, Department of Pathology and Immunology, Washington University School of Medicine, St. Louis

[Third Coast, McGovern Commons](#)

- 6:30–8:30 PM Welcome Reception and Sponsor Exhibits

Friday, June 1

[Texas Medical Center Marriott, 3rd Floor](#)

- 7:00 AM–5:00 PM Meeting Registration
- 7:00–8:00 **Breakfast with the Professors**
Sign up sheets available Thursday 5/31 in the Marriott Ballroom. Each table will have a theme: career development, leadership skills, balancing research and clinical responsibilities, clinical informatics, and others.
- 8:00 AM–12:00 PM Oral Presentations and Poster Viewing
- 8:00–9:30 Young Investigator Oral Presentations I
- 9:30–10:30 Poster Presentations and Snacks (Marriott Ballroom)
- 10:30–12:00 PM Young Investigator Oral Presentations II

[Texas Medical Center Marriott, 3rd floor Ballroom](#)

- 12:00–1:15 Lunch & Business Meeting

[John F. Bookout Auditorium, HM Research Institute](#)

Clinical Microbiology

- 1:25–1:30 **Welcome and Session Overview**
- 1:30–2:05 **Molecular Approaches to Diagnosing Pediatric Infections**
Jennifer Dien Bard, PhD, D(ABMM), F(CCM), Department of Pathology and Laboratory Medicine, Children's Hospital Los Angeles, Los Angeles

- 2:05–2:40 **Total Laboratory Automation in Clinical Microbiology**
Carey-Ann Burnham, PhD, D(ABMM), FIDSA, F(AAM), Department of Pathology and Immunology, Washington University School of Medicine, St. Louis
- 2:40–3:15 **Whole Genome Sequencing of Microbes in the Clinical Laboratory**
Randy Olsen, MD, PhD, Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston
- 3:15–3:30 Break
- 3:30–4:05 **The Potential Impact of Rapid Phenotypic Susceptibilities on Management of Patients with Gram-negative Sepsis**
Paula Revell, PhD, Department of Pathology, Texas Children’s Hospital, Houston
- 4:05–5:05 **Ernest Cotlove Award and Lecture**
Arthur Beaudet, MD
Henry and Emma Meyer Chair and Professor
Molecular and Human Genetics
Baylor College of Medicine
- 5:05–5:20 ACLPS 2019: Highlights and Coming Attractions
Department of Pathology, University of Utah, Salt Lake City, May 30–June 1, 2019
Elizabeth Frank, PhD, DABCC, and Jonathan Genzen, MD, PhD

[Marriott Valet/Dryden Pick Up](#)

- 5:45 – 6:30 Board shuttles to Houston Museum of Natural Science
(First shuttle leaves at 6:00 PM, last shuttle leaves at 6:30; shuttles will begin returning to the Marriott at 8:30)
- 6:30–9:30 Awards Banquet at Houston Museum of Natural Science Wiess Energy Hall

Saturday, June 2

[Texas Medical Center Marriott, 3rd Floor](#)

- 7:00 AM–12:00 PM Meeting Registration
- 7:00–8:00 Continental Breakfast

[John F. Bookout Auditorium, HM Research Institute](#)

Transfusion Medicine

- 8:15–8:20 **Welcome and Session Overview**
- 8:20–8:55 **Cases at the Interface between the Transfusion Medicine Service and the Coagulation Lab**

Eric Salazar, MD, PhD, Department of Pathology and Genomic Medicine, Houston Methodist Hospital, Houston

- 8:55–9:30 **Extracorporeal Life Support – Lab Role in Preventing Thrombosis and Bleeding**
Wayne Chandler, MD, Department of Pathology, Seattle Children’s Hospital, Seattle
- 9:30–10:05 **Keeping the Blood Flowing: Maintaining an Adequate Blood Supply in Challenging Situations**
Barbara Bryant, MD, FCAP, FASCP, Department of Pathology, University of Texas Medical Branch, Galveston
- 10:05–10:20 Break
- 10:20–10:55 **Postpartum Hemorrhage and the Massive Transfusion Protocol: Improving Patient Care From the Lab**
Lisa Hensch, MD, Department of Pathology, Texas Children’s Hospital, Houston
- 10:55–11:45 **Benson Lecture (TBD by ACLPS)**
- 11:45–12:00 Concluding Remarks
- 12:00 PM Meeting adjourned

[Boardroom, HM Research Institute](#)

- 12:15 – 2:00 Executive Council Meeting and Lunch